

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
-	485	prepay or prepaid and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and account adj number	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 14:50
-	113	(prepay or prepaid) and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and account adj number	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 14:52
-	50	((prepay or prepaid) and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and account adj number) and receipt and print	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 13:19
-	2	((((prepay or prepaid) and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and account adj number) and receipt and print) and add near5 minutes	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 13:19
-	2	((((prepay or prepaid) and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and account adj number) and receipt and print) and (add near5 minutes)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 13:20
-	3	((prepay or prepaid) and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and account adj number) and (add near5 minutes)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 13:20
-	420	prepay or prepaid and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and account adj number and periodic and update	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 14:51
-	390	prepay or prepaid and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and (account adj number) and periodic SAME update	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 14:51
-	389	prepay or prepaid and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and (account adj number) and periodic WITH update	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 14:52
-	0	(prepay or prepaid) and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and account adj number and (periodic with update)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 14:53
-	1	(prepay or prepaid) and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and account adj number and (periodic SAME update)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 14:55
-	20	(prepay or prepaid) and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and (account adj number) and (periodic SAME updat\$)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 14:56
-	30	(prepay or prepaid) and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and (account adj number) and (periodic\$ SAME updat\$)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 14:57
-	28	(prepay or prepaid) and (cell adj phone or cellphone or phone or phone adj card) and minutes and database and (account adj number) and (periodic\$ WITH updat\$)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/07/23 14:57

=July 26, 2004

Status: Signing Off...

logoff

```
26jul04 09:04:21 User264726 Session D145.2
  $0.85    0.158 DialUnits File15
    $11.55 7 Type(s) in Format 3
  $11.55 7 Types
$12.40 Estimated cost File15
  $0.77    0.142 DialUnits File9
    $5.60 4 Type(s) in Format 3
  $5.60 4 Types
$6.37 Estimated cost File9
  $0.15    0.026 DialUnits File623
$0.15 Estimated cost File623
  $0.07    0.065 DialUnits File810
$0.07 Estimated cost File810
  $0.73    0.135 DialUnits File275
    $11.50 5 Type(s) in Format 3
  $11.50 5 Types
$12.23 Estimated cost File275
  $0.35    0.062 DialUnits File624
$0.35 Estimated cost File624
  $1.32    0.244 DialUnits File636
    $4.20 3 Type(s) in Format 3
  $4.20 3 Types
$5.52 Estimated cost File636
  $0.70    0.130 DialUnits File621
$0.70 Estimated cost File621
  $0.10    0.100 DialUnits File813
$0.10 Estimated cost File813
  $2.64    0.489 DialUnits File16
    $7.75 5 Type(s) in Format 3
  $7.75 5 Types
$10.39 Estimated cost File16
  $0.48    0.090 DialUnits File160
$0.48 Estimated cost File160
  $3.18    0.589 DialUnits File148
    $1.55 1 Type(s) in Format 3
  $1.55 1 Types
$4.73 Estimated cost File148
  $0.78    0.775 DialUnits File20
$0.78 Estimated cost File20
  OneSearch, 13 files, 3.007 DialUnits FileOS
$0.75 TELNET
$55.02 Estimated cost this search
$55.04 Estimated total session cost 3.171 DialUnits
```

Status: Signed Off.

=July 26, 2004

Set	Items	Description
S1	345697	PREPAY OR PREPAID
S2	232755	CELL (W) PHONE OR CELLULAR (W) PHONE OR CELLPHONE
S3	11878	MINUTES AND DATABASE AND ACCOUNT
S4	54	S1 AND S2 AND S3
S5	31	S4 AND PY<=2000
S6	25	RD (unique items)

?show files

File 15:ABI/Inform(R) 1971-2004/Jul 24
(c) 2004 ProQuest Info&Learning

File 9:Business & Industry(R) Jul/1994-2004/Jul 23
(c) 2004 The Gale Group

File 623:Business Week 1985-2004/Jul 23
(c) 2004 The McGraw-Hill Companies Inc

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 275:Gale Group Computer DB(TM) 1983-2004/Jul 26
(c) 2004 The Gale Group

File 624:McGraw-Hill Publications 1985-2004/Jul 23
(c) 2004 McGraw-Hill Co. Inc

File 636:Gale Group Newsletter DB(TM) 1987-2004/Jul 26
(c) 2004 The Gale Group

File 621:Gale Group New Prod. Annou. (R) 1985-2004/Jul 26
(c) 2004 The Gale Group

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2004/Jul 26
(c) 2004 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2004/Jul 26
(c) 2004 The Gale Group

File 20:Dialog Global Reporter

=July 26, 2004

6/3/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02003213 51410976

Cheap talk

King, Rachael
Inc v22n4 PP: 76-87 Mar 14, 2000
ISSN: 0162-8968 JRNL CODE: INO
WORD COUNT: 2983

6/3/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01971814 46455211

Wireless carriers: Partnering for bullish returns

Blake, Pat
Wireless Review v16n21 PP: 17 Nov 1, 1999
ISSN: 1099-9248 JRNL CODE: WLR
WORD COUNT: 2825

6/3/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01910693 05-61685

Loyalty marketing: Keeping in contact with the right customers

Johnson, Kurt; Leger, Mark
Direct Marketing v62n5 PP: 36-42 Sep 1999
ISSN: 0012-3188 JRNL CODE: DIM
WORD COUNT: 3757

6/3/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01792597 04-43588

Beware the Fraudian slip

Reeves, Betsy
Wireless Review v16n6 PP: 46-49 Mar 15, 1999
ISSN: 1097-3893 JRNL CODE: WLR
WORD COUNT: 1301

6/3/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01730276 03-81266

Revenue-management software solutions

Reeves, Betsy
Wireless Review v15n21 PP: 18-25 Nov 1, 1998
ISSN: 1097-3893 JRNL CODE: WLR
WORD COUNT: 1880

6/3/6 (Item 6 from file: 15)

=July 26, 2004

DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01727996 03-78986

Chaos theory

Freedman, David H

Inc. v20n15 (Inc. 500 Supplement) PP: 50-65 Oct 20, 1998

ISSN: 0162-8968 JRNL CODE: INO

WORD COUNT: 5272

6/3/7 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01121156 97-70550

Wireless World '95 Exposition coverage

Anonymous

Cellular Business v12n12 PP: 56-104 Nov 1995

ISSN: 0741-6520 JRNL CODE: CLB

WORD COUNT: 17304

6/3/8 (Item 1 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2004 The Gale Group. All rts. reserv.

2780305 Supplier Number: 02780305 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Busy Signals

(Telecommunications companies, which are increasingly offering a variety of services bundled together in one package, will spend about \$4 bil on marketing efforts in 2000, including \$1 bil on consumer promotions and \$100 mil on loyalty marketing)

Promo, v XIII, n 5, p 41+

April 2000

DOCUMENT TYPE: Journal; Ranking ISSN: 1047-1707 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1320

6/3/9 (Item 2 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2004 The Gale Group. All rts. reserv.

2216469 Supplier Number: 02216469 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Using SIM Cards for Prepaid Cellular Value Raises Security Concerns
(GSM accounts for 31% of the global wireless market; will represent 50% by 2001)

Smart Card Alert, p 3+

August 1998

DOCUMENT TYPE: Newsletter (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 903

6/3/10 (Item 3 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2004 The Gale Group. All rts. reserv.

1946349 Supplier Number: 01946349 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Prepaid Calling Cards Break Down A Credit Barrier To Cellular Service

=July 26, 2004

(FAT Wireless LLC anticipates sales of 350,000+ FoneBux Telecash Cards for truckers' cellular use by end-1997)

Debit Card News, v 3, n 6, p 1+

September 16, 1997

DOCUMENT TYPE: Newsletter; Industry Overview ISSN: 1055-176X (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1392

6/3/11 (Item 4 from file: 9)

DIALOG(R) File 9:Business & Industry(R)

(c) 2004 The Gale Group. All rts. reserv.

1460181 Supplier Number: 01460181

Prepaid **Calling Solves Credit Issue**

(Cellular carriers offering pre-paid calling card as payment option for cellular phone services)

Interactive Week, v 3, n 7, p I-2

April 08, 1996

DOCUMENT TYPE: Journal ISSN: 1078-7259 (United States)

LANGUAGE: English RECORD TYPE: Abstract

6/3/12 (Item 1 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02287891 SUPPLIER NUMBER: 54396625 (USE FORMAT 7 OR 9 FOR FULL TEXT)

ENHANCED SERVICES PLATFORMS. (Buyers Guide)

ROWLAND, ELAINE

Teleconnect, 17, 4, 90(1)

April, 1999

DOCUMENT TYPE: Buyers Guide ISSN: 0740-9354 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2636 LINE COUNT: 00215

6/3/13 (Item 2 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02113222 SUPPLIER NUMBER: 19834412 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Call accounting update. (includes list of vendors, related article on ways to save money) (Buyers Guide)

Deixler, Lyle

Teleconnect, v15, n10, p87(20)

Oct, 1997

DOCUMENT TYPE: Buyers Guide ISSN: 0740-9354 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 10047 LINE COUNT: 00815

6/3/14 (Item 3 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02060819 SUPPLIER NUMBER: 19314961 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Call accounting products. (includes related articles on horror stories from various users, Teleco's Perfect Call Accounting software, SDT's SecurPBX, Professional Computing Resources' Communication Management Information

=July 26, 2004

Tool, Tribase Systems' TAPIT, and Newcastle Communications) (Buyers Guide)
Teleconnect, v15, n3, p89(28)
March, 1997
DOCUMENT TYPE: Buyers Guide ISSN: 0740-9354 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 16056 LINE COUNT: 01296

6/3/15 (Item 4 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.
02043677 SUPPLIER NUMBER: 19120122 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Enhanced service platforms and products. (includes related article on the
technology and definitions) (Buyers Guide)**
Teleconnect, v15, n2, p121(5)
Feb, 1997
DOCUMENT TYPE: Buyers Guide ISSN: 0740-9354 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2360 LINE COUNT: 00193

6/3/16 (Item 5 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.
01983309 SUPPLIER NUMBER: 18657398 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Programmable switch platforms. (includes related article on prepaid
cellular systems and product directory) (Buyers Guide)**
Deixler, Lyle
Teleconnect, v14, n9, p114(5)
Sep, 1996
DOCUMENT TYPE: Buyers Guide ISSN: 0740-9354 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3091 LINE COUNT: 00252

6/3/17 (Item 1 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.
04092320 Supplier Number: 53873000 (USE FORMAT 7 FOR FULLTEXT)
SIEMENS: Pre-CeBIT '99 report by Siemens Information and Communications.
M2 Presswire, pNA
Feb 12, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 6163

6/3/18 (Item 2 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.
03699744 Supplier Number: 47983553 (USE FORMAT 7 FOR FULLTEXT)
Prepaid **Calling Cards Break Down A Credit Barrier To Cellular Service**
Credit Wall As Market Competition Grows
Debit Card News, pN/A
Sept 16, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade

=July 26, 2004

Word Count: 1427

6/3/19 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02308987 Supplier Number: 44481741 (USE FORMAT 7 FOR FULLTEXT)

THE INDEPENDENTS: DIVERSIFIED BUSINESS VENTURES

Inside Telecom, v2, n13, pN/A

March 1, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 3933

6/3/20 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

08009252 Supplier Number: 65096511 (USE FORMAT 7 FOR FULLTEXT)

Money.(Web sites to help shrink long-distance and wireless bills)

Inc., p76

March 14, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; General

Word Count: 2785

6/3/21 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

06906884 Supplier Number: 57929484 (USE FORMAT 7 FOR FULLTEXT)

Turnkey Enhanced Service Platforms for Telcos & ISPs.

Gifford, James

Computer Telephony, v7, n11, p120

Nov, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2480

6/3/22 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

06679670 Supplier Number: 55906338 (USE FORMAT 7 FOR FULLTEXT)

App Gens: More Than Just IVR.

Grigonis, Richard

Computer Telephony, v7, n9, p54

Sept, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 10126

6/3/23 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

=July 26, 2004

06588508 Supplier Number: 55553029 (USE FORMAT 7 FOR FULLTEXT)

Everything, All the Time Unified Messaging.

Grigonis, Richard; Friesen, Brandon

Computer Telephony, v7, n8, p50

August, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 13088

6/3/24 (Item 5 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

05109876 Supplier Number: 47802307 (USE FORMAT 7 FOR FULLTEXT)

Smart Technology

Wireless World, p20

July, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2237

6/3/25 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

06709424 SUPPLIER NUMBER: 14467323 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Breaking barriers. (billing system technology) (includes related articles)

Marek, Sue

Cellular Marketing, v8, n8, p20(5)

August, 1993

ISSN: 0890-2402 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 2720 LINE COUNT: 00231